

DERWENT-ACC-NO: 1982-64806E
DERWENT-WEEK: 198231
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TITLE: Fibre reinforced phenol! resin cured prod. mfr. - by impregnating fibre reinforcer with compsn. contg. resol liq. phenol! resin, curing agent, filler, release agent and colourant, and curing

PATENT-ASSIGNEE: DAINIPPON INK & CHEM KK[DNIN]

PRIORITY-DATA: 1980JP-0178938 (December 19, 1980)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 57102929 A	June 26, 1982	N/A 008
N/A		
JP 88046099 B	September 13, 1988	N/A 000
N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP57102929A	N/A	1980JP-0178938
December 19, 1980		

INT-CL_(IPC): C08G008/04; C08J005/24 ; C08L061/06

ABSTRACTED-PUB-NO: JP57102929A

BASIC-ABSTRACT: Process comprises (i) impregnating fibre reinforcer with a compsn. comprising (A) resol type liq. phenol resin; (B) curing agent consisting of 90-25 wt.% as solids, of sulphonated phenol resin with sulphonation deg. (no. of sulphone gp.no. of total phenol nucleus x 100) 10-100 and 10-75 wt.% phosphoric acid with conc. of phosphoric acid as 100%, and opt. (C) filler, release agent, colourant, and (ii) settling it at normal or medium temp. to cure phenol resin (A).

Pref. (A) is obtd. by reacting phenols e.g. phenol, resorcinol, xylenol, hydroquinone, bisphenol A, etc., with aldehydes, e.g. formaldehyd e, in the

presence of alkaline catalyst.

the obtd. fibre reinforced phenol resin cured prod. with good mechanical strength, heat and flame resistance, is used e.g. for ducts, ceilings, walls, interior walls, etc..

TITLE-TERMS:

FIBRE REINFORCED POLYPHENOL RESIN CURE PRODUCT MANUFACTURE
IMPREGNATE FIBRE
REINFORCED COMPOSITION CONTAIN RESOL LIQUID POLYPHENOL RESIN CURE
AGENT FILL
RELEASE AGENT COLOUR CURE

DERWENT-CLASS: A21 A93

CPI-CODES: A05-C01A; A08-D; A08-D02; A10-E12; A11-B09C; A11-C02;
A12-S08;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0011 0203 0204 0224 0226 1277 1353 1357 1359 1365
1367 1369 1373
1496 1517 2012 2020 2198 2208 2211 2212 2285 2286 2299 2301 2315
2491 2493 2534
2600 2629 2679 2691 2692 2698
Multipunch Codes: 013 02& 05- 075 080 140 180 213 214 215 216 217
218 219 220
221 228 231 249 274 305 308 309 311 314 331 341 359 400 44& 46&
473 48- 489 539
541 546 551 567 613 618 674 681 723